

Ahmed Abd-Elwarith
Math EXPERT



أحمد عبد الوارث

خبير رياضيات لغات

01062555317

Math

expert teacher

Mathematics for Home Work

Dr. Ahmed Elwarith

Math



1 Complete each of the following :

[a] $6 \times 7 = \dots\dots\dots$

[b] $7 \times 8 = \dots\dots\dots$

[c] $6 \times \dots\dots\dots = 48$

[d] $7 \times \dots\dots\dots = 63$



2 Complete using (> or < or =) :

[a] $6 + 6$ 6×6

[b] 7×4 6×5

[c] 6×0 $6 + 0$

[d] 7×9 $30 + 30$



3 Complete using (+ or - or \times) :

[a] $6 \times 3 = 2$ 9

[b] $7 \times 5 = 30$ 5

[c] $16 - 2 = 2$ 7

[d] $8 \times 5 = 50$ 10



4 Join :

[a] 6×9

(1) $14 - 2$

[b] 6×6

(2) 6×0

[c] 6×2

(3) 9×6

[d] 7×0

(4) $40 - 4$



5 Sarah bought 7 books for 3 pounds each :

How much money did sarah pay ?

What Sarah paid = $\dots\dots\dots$ = $\dots\dots\dots$ pounds



To	
Lesson	18
Unit	1

1 Complete :

[a] $8 \times 8 = \dots\dots\dots$

[b] $9 \times 8 = \dots\dots\dots$

[c] $9 \times \dots\dots\dots = 81$

[d] $8 \times \dots\dots\dots = 24$



2 Choose the correct answer :

[a] $6 \times 8 = \dots\dots\dots$

(40 or 42 or 48)

[b] $9 \times 0 = \dots\dots\dots$

(9 or 1 or 0)

[c] $6 \times \dots\dots\dots = 42$

(6 or 7 or 8)

[d] $16 + 16 = 8 \times \dots\dots\dots$

(3 or 4 or 8)



3 Complete :

[a] $9 \times \dots\dots\dots = 6 \times 6$

[b] $8 \times 7 = 7 \times \dots\dots\dots$

[c] $8 \times \dots\dots\dots = 4 \times 4$

[d] $7 \times 0 = \dots\dots\dots \times 8$



4 Islam bought 9 pens for 7 pounds each and a pencil for 6 pounds :

How much money did he pay ?

The price of pens = $\dots\dots\dots = \dots\dots\dots$ pounds.

He paid = $\dots\dots\dots = \dots\dots\dots$ pounds.



5 Arrange in an ascending order :

7×6 , 9×7 , 2×9 , 6×8 and 8×8

The order is : $\dots\dots\dots$, $\dots\dots\dots$, $\dots\dots\dots$ and $\dots\dots\dots$



To	
Lesson	2
Unit	1



1 Complete :

[a] $54 \div 9 = \dots\dots\dots$

[b] $18 \div 6 = \dots\dots\dots$

[c] $56 \div 7 = \dots\dots\dots$

[d] $8 \times 8 = \dots\dots\dots$

2 Choose the correct answer :

[a] $\dots\dots\dots \div 6 = 7$

(42 or 48 or 54)

[b] $6 \dots\dots\dots 5 = 7 \div 7$

(+ or - or \div)

[c] $1 \times 8 = 64 \dots\dots\dots 8$

(+ or \times or \div)

[d] $36 \div 6 = \dots\dots\dots$

(6×0 or 2×3 or 2×6)



3 Join :

[a] $48 \div 6$

(1) $(54 - 30) \div 8$

[b] 3×8

(2) $0 \div 9$

[c] $9 \overline{)27}$

(3) $6 + 2$

[d] 0×9

(4) 4×6



4 Complete using (> or < or =) :

[a] $8 \times 3 \square 9 \times 2$

[b] $72 \div 9 \square 36 \div 4$

[c] $24 \div 8 \square 21 \div 7$

[d] $6 \times 6 \square 7 \times 5$



5 A father divides 63 pounds equally among his 7 sons.

How much money does each son take ?

What each son takes = $\dots\dots\dots$ = $\dots\dots\dots$ pounds.

To	
Lesson	1
Unit	2

1 Complete each of the following :

[a] $4\ 500 = \dots\dots\dots$ tens

[b] The place value of the digit 2 in the number 2367 is $\dots\dots\dots$

[c] $6 \times 8 = \dots\dots\dots$

[d] $63 \div 7 = \dots\dots\dots$



2 Choose the correct answer :

[a] $10 + 200 + 3\ 000 = \dots\dots\dots$ (1 203 or 3 210 or 3 021)

[b] The value of the digit 5 in 6 519 is $\dots\dots\dots$
(5 or 50 or 500)

[c] $4 + 0 + 0 + 2 = \dots\dots\dots$ (4 002 or 42 or 6)

[d] 26 hundreds = $\dots\dots\dots$ (26 or 260 or 2 600)



3 Complete :

[a] The number five thousand, seven hundred and thirteen in digits is written as $\dots\dots\dots$

[b] The smallest 4-digit number is $\dots\dots\dots$

[c] $50 + 4 = 9 \times \dots\dots\dots$

[d] $5000 + 7 + 400 = \dots\dots\dots$



4 [a] Write the following numbers in letters :

(1) 9732 $\dots\dots\dots$

(2) 2009 $\dots\dots\dots$

[b] Complete by using ($>$ or $<$ or $=$) :

(1) $7 \times 8 \square 5 \times 9$

(2) $64 \div 8 \square 6 \times 2$



5 Arrange the following numbers in an ascending order :

7 852 , 978 , 1 548 and 7 825

the order is : $\dots\dots\dots$, $\dots\dots\dots$ and $\dots\dots\dots$



To	
Lesson	2
Unit	2



1 Complete :

- [a] $76\,596 = \dots + 6500 + 90 + \dots$
 [b] $7 \times \dots = 49$
 [c] $7\,852 = 800 + \dots + \dots + \dots$
 [d] $8778, 8678, 8578, \dots$ (in the same pattern)

2 Choose the correct answer :

- [a] $36 \div 6 = 3 \square 2$ (+ or - or \times)
 [b] 375 hundreds = \dots (375 or 3 750 or 3 7500)
 [c] The number 5 768 is greater than the number \dots
 (7 568 or 5 767 or 6 760)
 [d] Fourteen thousands and nine hundreds = \dots
 (40 900 or 14 900 or 14 090)



3 Complete :

- [a] The smallest number formed from 5-digit is \dots
 [b] The greatest number formed from 5 different digits is \dots
 [c] Bassem bought 6 kg. of banana for 7 pounds each.
 , then he paid = \dots pounds.
 [d] The smallest number formed from the digits 3 , 9 , 6 , 0 and 5 is \dots



4 Write the place value and the value of the encircled digits :

The number	The place value	The value
57 ① 35	\dots	\dots
⑧ 1 523	\dots	\dots



5 [a] Write the following numbers in letters :

- (1) 34 443 \dots
 (2) 40 052 \dots



- [b] Rearrange the digits of the number 9 027 such that the resulting number is
 (1) as great as possible : \dots (2) as small as possible : \dots

Sheet 6

To	
Lesson	7
Unit	3

1 Find the result of each of the following :

[a]
$$\begin{array}{r} 1 \ 2 \ 5 \ 4 \ 8 \\ + 4 \ 8 \ 6 \ 3 \ 1 \\ \hline \end{array}$$

[b]
$$\begin{array}{r} 3 \ 9 \ 9 \ 9 \\ + 8 \ 0 \ 1 \\ \hline \end{array}$$

[c] $1\ 256 + 13\ 782 = \dots\dots\dots$

[d] $23\ 402 + 4\ 388 = \dots\dots\dots$



2 Choose the correct answer :

[a] Paula saved L.E. 1300 his father give him L.E. 1000 in his birthday this situation needs

(adding or subtraction or multiplication)

[b] The greatest number formed from the digits 5 , 7 , 1 and 4 is

(1 457 or 7 514 or 7 541)

[c] The sum of 5 238 and 5 371 is

(10 599 or 10 609 or 10 069)

[d] The value of the digit 3 in the number 63 502 is

(30 or 300 or 3 000)



3 Find the result (mentally) for each of the following :

(1) $17\ 952 + 1\ 000 = \dots\dots\dots$

(2) $3\ 000 + 51\ 743 = \dots\dots\dots$

(3) $392 + 99 = \dots\dots\dots$

(4) $752 + 102 = \dots\dots\dots$



4 Join :

[a] 7×8

(1) $3\ 625 + 4\ 269$

[b] $3\ 624 + 5\ 465$

(2) $42 \div 7$

[c] $7\ 894$

(3) $39 + 17$

[d] 6×1

(4) $7\ 564 + 1\ 525$



5 A farmer sold a piece of land for L.E. 69 856 and a cow for L.E. 8 575 Find the selling price of the land and the cow.

The selling price of the land and the cow =

= L.E.



Sheet 7

To	
Lesson	2
Unit	3

1 Complete each of the following :

- [a] $5\,100 + \dots = 3\,400 + 5\,100$
 [b] $1\,246 + 3\,472 = \dots + 1\,246$
 [c] $(5\,642 + \dots) + 2\,139 = 5\,642 + (1\,347 + 2\,139)$
 [d] $6\,010 + (100 + 6\,000) = (100 + \dots) + 6\,000$



2 Choose the correct answer :

- [a] The place value of the digit 7 in the number 94 752 is
 (tens or hundreds or thousands)
 [b] $852 + 211 = 63 + \dots$ (10 or 100 or 1 000)
 [c] The smallest number formed from the digits 5 , 7 , 1 and 4
 is (1 574 or 1 457 or 1 745)
 [d] The number eighty-four units and five thousands in digits
 is (584 or 5 840 or 5 084)



3 If $2\,752 + 25\,985 = 28\,737$ and $426 + 574 = 1\,000$ from the previous addition, deduce the results of the following additions :

- [a] $25\,985 + 2\,752 = \dots$
 [b] $25\,985 + 426 + 574 = \dots$
 [c] $2\,752 + 426 + 574 = \dots$
 [d] $2\,752 + 25\,985 + 426 + 574 = \dots$



4 Complete :

- [a] $6 \times \dots = 24$
 [b] $\dots \div 8 = 8$
 [c] The greatest 5 different digits number whose units digit
 is double its tens digit is
 [d] 6 715 , 7 715 , 8 715 , , (in the same pattern)



5 The weight of an empty truck is 1 925 kilograms. If it is loaded with 4 900 kilograms of oranges, then find the total weight.

The total weight =
 = kilograms.



To	
Lesson	3
Unit	3

1 Complete each of the following :

[a] The place value of the digit 9 in the number 79 421 is

[b] $43\ 604 = 40\ 000 + 3\ 000 + 600 + \dots$

[c] $8\ 764 = 6\ 542 + \dots$

[d] The number forty-seven thousand and eight in digits is



2 Choose the correct answer :

[a] $4\ 213 + 2\ 132 = \dots + 6\ 000$ (345 or 444 or 6 345)

[b] The greatest number formed from the digits 5 , 7 , 8 and 6 is (8 567 or 8 657 or 8 765)

[c] $7 \times 6 = \dots$ (36 or 42 or 48)

[d] The closest number to the result of $(9\ 586 - 5\ 542)$ is (1 000 or 2 000 or 4 000)



3 [a] Find the result of each of the following :

(1) $15\ 426 + 21\ 395 = \dots$

(2) $71\ 687 - 27\ 592 = \dots$

[b] What is the number that should be added to 22 132 for the result to be 95 612 ?

The number = =



4 Find the result (mentally) for each of the following :

[a] $9\ 876 - 500 = \dots$

[b] $7\ 493 - 99 = \dots$

[c] $7\ 853 + 99 = \dots$

[d] $7\ 357 - 6\ 350 = \dots$



5 Omar had L.E. 1 500 , he bought a television for L.E. 1 145 and a fan for L.E. 250 How much money was left with him ?

The price of the television and the fan =

= L.E.

The left money = = L.E.



To	
Lesson	4
Unit	3

1 Find the result :

[a]
$$\begin{array}{r} 4\ 8\ 7\ 5 \\ +\ 1\ 9\ 8\ 9 \\ \hline \end{array}$$

[b]
$$\begin{array}{r} 8\ 3\ 4\ 0\ 7 \\ -\ 3\ 2\ 1\ 9\ 8 \\ \hline \end{array}$$

[c]
$$\begin{array}{r} 9 \\ \square \overline{) 72} \end{array}$$

[d] $8 \times 7 = \dots\dots\dots$



2 Choose the correct answer :

[a] 73 298 comes just before

(73 297 or 73 296 or 73 299)

[b] + 63 453 = 97 178

(37 325 or 33 725 or 73 325)

[c] 35 units and seventeen hundreds =

(1 735 or 17 035 or 3 571)

[d] $9\ 436 - \dots\dots\dots = 2\ 783$

(6 653 or 6 563 or 5 636)



3 If $22\ 132 + 73\ 480 = 95\ 612$, then complete :

[a] $95\ 612 - \dots\dots\dots = 73\ 480$

[b] - 73 480 = 22 132

[c] $73\ 480 + \dots\dots\dots = 95\ 612$



4 Arrange the following numbers in an ascending order :

7 523 , 7 583 , 5 799 and 5 766

The order is : , and



5 In a supermarket , the sales increased from L.E. 48 579 in a month to L.E. 53 636 in another month.

Find the increase in sales.

The increase in sales =

= L.E.



To	
Lesson	1
Unit	4

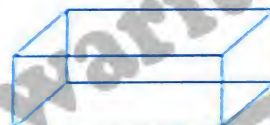
1 Put (✓) for the correct statement and (✗) for the incorrect one :

- [a] The sphere has no faces. ()
- [b] The cylinder has 3 bases. ()
- [c] The cube has 6 vertices. ()
- [d] The triangular prism has 3 lateral faces and two bases. ()



2 In the opposite figure - complete :

- [a] The solid is called
- [b] The number of faces is
- [c] The base in the form of
- [d] The number of edges is



3 Complete each of the following :

- [a] The number 3 thousand and 4 in digits =
- [b] $8 \times 4 = \dots\dots\dots$
- [c] The place value of the digit 6 in the number 65 437 is
- [d] The number of vertices of a cube - the number of its faces =



4 Find the result of each of the following :

- [a] $6 \times 9 = \dots\dots\dots$
- [b] $28 \div 7 = \dots\dots\dots$

[c]
$$\begin{array}{r} 73324 \\ - 4193 \\ \hline \end{array}$$

[d]
$$\begin{array}{r} 53684 \\ + 29087 \\ \hline \end{array}$$



5 Join each solid to its unfolded figure :

(1)



(2)



(3)



(4)



[a]



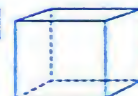
[b]



[c]



[d]



To	
Lesson	2
Unit	4

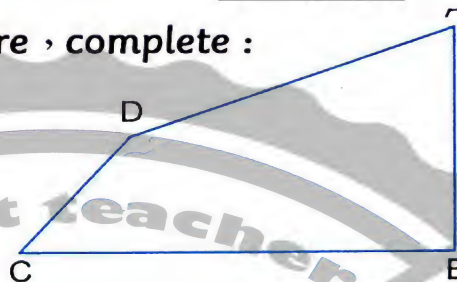
1 According to the opposite figure, complete :

[a] $AB = \dots\dots\dots$ cm.

[b] $BC = \dots\dots\dots$ cm.

[c] $CD = \dots\dots\dots$ cm.

[d] $DA = \dots\dots\dots$ cm.



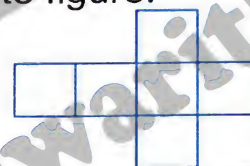
2 [a] Name the solid you can form from the opposite figure.
What is the number of its faces ?

(1) The solid is $\dots\dots\dots$

(2) The number of its faces is $\dots\dots\dots$

[b] Using the ruler, measure the length of \overline{AB} :

The length of $\overline{AB} = \dots\dots\dots$ cm. $\overline{A \quad B}$



3 [a] Put the suitable relation ($<$), ($=$) or ($>$) in the blanks :

(1) $8\,830 + 1\,000 \quad \square \quad 9\,803$

(2) The number of vertices of a cube \square The number of vertices of a cuboid

[a] Complete each of the following :

(1) $6\,314 + 1\,623 = \dots\dots\dots + 7\,000$

(2) $6\,530, 6\,620, 6\,710, \dots\dots\dots$ (in the same pattern)



4 [a] Find the result of each of the following :

$$\begin{array}{r} 2\,6\,4\,5 \\ - 2\,4\,9\,5 \\ \hline \end{array}$$

$$\begin{array}{r} 2\,8\,5\,4 \\ + 7\,2\,0\,1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$$

$$(4) \quad 9 \overline{) 27} \quad \dots\dots$$

[b] Choose the correct answer between brackets :

(1) The ruler is used to measure the length of $\dots\dots\dots$
(ray or line segment or straight line)

(2) $1\,958 + 1\,155 = \dots\dots\dots$
(803 or 3 131 or 3 113 or 10 513)



5 Sarah bought 7 coloured boxes, each contains 6 pens.
How many pens are there in these boxes ?
Number of pens = $\dots\dots\dots = \dots\dots\dots$ pens.



To	
Lesson	3
Unit	4

1 Choose the correct answer :

- [a] 5 units , 8 tens , 6 hundreds and 3 thousands in digits
is (3 586 or 5 863 or 3 685)
- [b] The smallest number formed from the digits 3 , 5 , 0 and 4
is (5 430 or 4 305 or 3 045)
- [c] The length of the drawn line segment
is (5 cm. or 3 cm. or 4 cm.)
- [d] Number of edges of cube = (6 or 8 or 12)



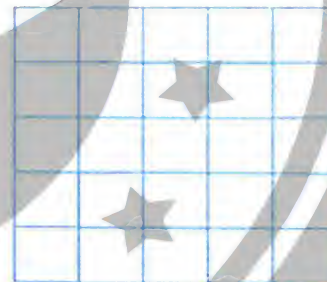
2 [a] Find the result of each of the following :

(1)
$$\begin{array}{r} 1\ 3\ 9\ 7\ 5 \\ +\ 2\ 8\ 9\ 2\ 5 \\ \hline \end{array}$$

(2)
$$\begin{array}{r} 5\ 7\ 0\ 4 \\ -\ 2\ 3\ 8\ 6 \\ \hline \end{array}$$



- [b] In the opposite lattice , draw the square ABCD with side length 3 units
"consider the side length of the small square as a unit length"



- 3 Amgad had L.E. 4 000 , he bought a television set for L.E. 2 850
How much money was left with him ?
The left money = = L.E.



4 [a] Choose the correct answer :

- (1) $50\ 301 = 50\ 304 - \dots\dots\dots$ (3 or 30 or 300)
- (2) The number which if subtracted from 500 , the result
will be 309 is (101 or 119 or 191)



- [b] Draw the line segment \overline{AB} whose length is 5 cm.

5 Complete :

[a] $\div 4 = 0$

[c] $54 \div \dots\dots\dots = 6$

[b] $\times 7 = 35$

[d] $\div 8 = 8$



To	
Lesson	4
Unit	4



1 Complete :

[a] $4\,932 + 49\,276 = 5\,931 + \dots\dots\dots$

[b] $36 \div 9 = \dots\dots\dots$

[c] $7\,895 - 3\,976 = \dots\dots\dots$

[d] The solid which has 6 faces each face is in the form of a square is $\dots\dots\dots$

2 Choose the correct answer :

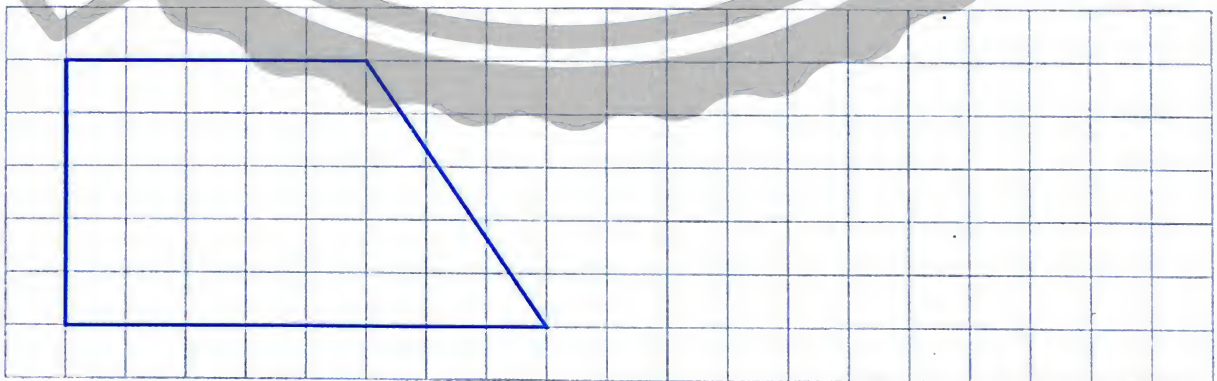
[a] The smallest number formed from the digits 7 , 0 , 5 , 2 and 4 is $\dots\dots\dots$ (75 420 **or** 40 257 **or** 20 457)

[b] $6 \times 9 \square 7 \times 8 \dots\dots\dots$ (> **or** < **or** =)

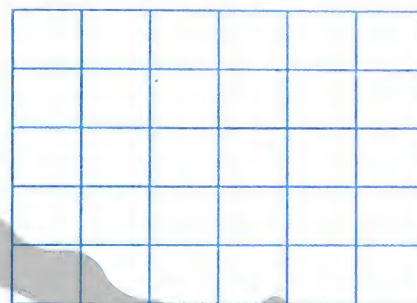
[c] A father wants to distribute 32 bars of chocolate among his 4 sons , so each of them will take required $\dots\dots\dots$ (addition **or** multiplication **or** division)

[d] The place value of the digit 6 in the number 46 840 is $\dots\dots\dots$ (tens **or** hundreds **or** thousands)

3 [a] Draw a congruent figure to the given figure :



- [b]** Draw the rectangle ABCD whose dimensions are 4 units and 3 units :



- 4 [a]** Arrange the following in an ascending order
9 751 , 10 002 , 7 951 and 9 715

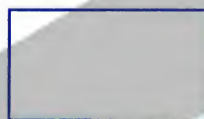
The order is : , and



- [b]** Aly has 5 coins of L.E. 1 , 6 notebank of L.E. 10 and 4 notebank of L.E. 100 Find the total of money.

The total money = = L.E.

- 5** Colour each two congruent figures in the same colour :



- [a] 

- [b] 

- [c]

- [d] A B A B A A B A B A B A B A

- 

- [a] 150 tens = hundreds

- [b]** The greatest number formed from 5-different digits is

- [c]** The number fifty-nine thousand , seven hundred and twenty-five in digits is

- [d] $59\,575 - \dots\dots\dots = 36\,421$

-

- [a]** $8 \times 8 = \dots\dots\dots$

- [b]** $63 \div 9 = \dots\dots\dots$

- [c]** $52\,436 + 13\,982 = \dots\dots\dots$



- [d]** $72\,304 - 51\,873 = \dots\dots\dots$

- 4 Two persons set up a trade. the first paid L.E. 5 628 and the second paid L.E. 4 372 How much money did they pay together ?

- What they paid = = L.E.

-
- 10 - 4 = 6

- 
- 4 -

		
Name of figure
The shape of its base

To	
Lesson	6
Unit	4

1 Match each of the following angles to its type :

[a]



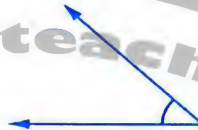
Obtuse angle

[b]



Right angle

[c]



Straight angle

[d]



Acute angle



2 Choose the correct answer :

[a] The measure of the obtuse angle 80°
(< or = or >)

[b] The measure of the straight angle
(equals 90° or equals 180° or less than 90°)

[c] The number of edges of each of the cube and cuboid
= edges. (20 or 18 or 12)

[d] When it is four o'clock, the angle between the hands of
the clock is angle. (right or acute or obtuse)



3 Complete each of the following :

[a] 90 hundreds = thousands.

[b] The value of the digit 2 in the number 34 205 is

[c] $19\,999 + 10\,001 = \dots\dots\dots$

[d]     (in the same pattern)



4 Complete :

[a] $6 \times 8 = 40 + \dots\dots\dots$

[b] $18 \div 9 = 12 \div \dots\dots\dots$

[c] $7\,851 + 2\,168 = \dots\dots\dots$

[d] $13\,594 - 8\,796 = \dots\dots\dots$



5 [a] In the opposite figure , complete :

- (1) The vertex of the angle is
- (2) The sides of the angle are and
- (3) The measure of the angle =

[b] Draw the angle ABC of measure 120°

